

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 05164019
PUBLICATION DATE : 29-06-93

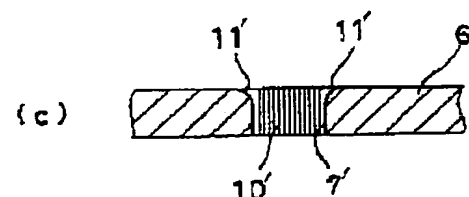
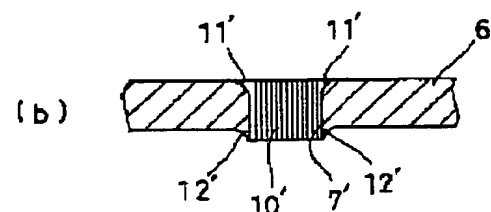
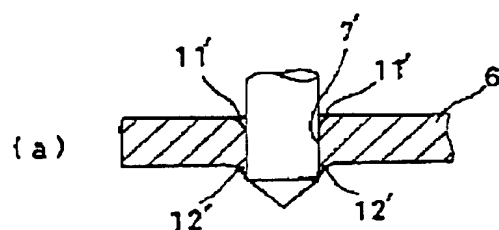
APPLICATION DATE : 10-12-91
APPLICATION NUMBER : 03350157

APPLICANT : NIPPON INJIEKUTA KK;

INVENTOR : ITO TORU;

INT.CL. : F02M 51/08 F02M 61/18

TITLE : FUEL INJECTION DEVICE



ABSTRACT : PURPOSE: To stabilize atomization and improve temperature property in a fuel injection device which comprises plate-like members with nozzle holes at the head of the opening of a valve body arranged.

CONSTITUTION: A nozzle hole 7' is made on a specified section of a plate 6' by spotting machining and the side faces of the nozzle hole 7' are formed into only shear planes 10 by removing burrs 12' formed on the lower part of the nozzle hole 7', which has a shape (c) of shear drop R11 at the upper part (on the fuel inlet port side). Or a nozzle hole 7' is made in a plate 6 by pressing, and you may remove the broken-out section formed at the lower part.

COPYRIGHT: (C)1993,JPO&Japio

BEST AVAILABLE COPY